

ABSTRACT:

345 An improved atomization jet assembly for aromatherapy essential oil diffuser wells. It does not
loose the cap during handling. It uses the capillary of liquids principal to draw essential oils
between the exterior of the jet Fig.12 and the inner cap profile Fig. 7. The flow of liquid is
stopped by a capillary break 40. The Ventura principal is then used to create a low pressure area
between the top of the jet ball 44 and the inside radius of the cap 65. An air/oil mixture blows out
350 of the cap orifice 66 with the aid of an air pump. The net result is increased availability of air
molecules attaching to oil molecules and making them airborne and breathable.